

HATNDL, K.

Translation waves in supercritical flow. p.127.
(Vodni Hospodarstvi, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

HAINDL, Karel, ing., kandidat tehnikich nauk

Contribution to the study of aeration apparatus. Vodoprivreda Jug
2 no.7/8:175 '59. (EEAI 10:1)

1. Institut za hidraulicka istrazivanja, Prag, Podbaba [Prague]
(Water)

HAINDL, Karel

On the calculation of water flowing from a gully toward
a river bed. St. 11 hidraul 6:191-229 '64.

1 Institute of Research for Water Management, Prague-Podbaba.

HAINDL, Karel, ing.

Nonstationary conditions caused by a sudden closing of a fast-closing floodgate in the upper waters of a pipe under pressure. Vodoprivreda (EEAI 10:1)
Jug 2 no.7/8:214-219 '59.

1. L'Institut de recherches hydrauliques, Prague, Tchécoslovaquie
(Water pipes) (Sluice gates) (Hydraulics)

HAINDL, Karel, kandidat tehnickih nauka

Water hammers in pipes for hydraulic transportation of materials and the use of a system against water hammers. Vodoprivreda Jug 2 no.7/8: 221-222 '59. (EEAI 10:1)

1. Institut za hidraulicka istrazivanja, Prag-Podbaba [Prague]
(Hydraulics) (Water hammer) (Water pipes)

HAIMDL, K.

Hydroelectric works on the Volga River near Stalingrad. p. 420.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodniho hospodarstvi a
Vedecka technicka spolecnost pro vodni hospodarstvi) Praha, Czechoslovakia.
No. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

HAINDL, Karel, inz., C.Sc.; DOLEZAL, Ludvik, inz.; KRAL, Jindrich

Contribution to the hydraulics of a shaft spillway. Vodohosp cas
10 no.3:288-314 '62.

1. Vyzkumny ustav vodohospodarsky, Praha.

HAINDL, Karel, inz., C.Sc.; DOLEZAL, Ludvik, inz.; KRÁL, Jindrich

Contribution to the shaft spillway hydraulics. Part 2.
Vodohosp cas 10 no.4:370-381 '62.

1. Vyskumny ustav vodohospodarsky, Praha.

HAINDL, Karel, inz., C.Sc.

Outflow from pipelines and pressure tubing into river.
Vodni hosp 13 no.2:43-48 '63.

1. Vyzkumny ustav vodohospodarsky, Praha.

HAINDL, Karel, inz.

Research on water diversion during the construction of the
Mechranice Waterworks. Vodni hosp 13 no.5:194-195 '63.

HAINDL, Karol, inz., CSc.

Design of a sewage catcher. Vodni hosp 13 no.6:215-216 '63.

1. Vyzkumny ustav vodohospodarsky, Praha.

HAINDL, K., inz. CSc.

Study of an intake vortex. Strojirenstvi 14 no.4:253-260 Ap '64

1. Research Institute of Water Resources Management, Prague.

ROGOSS, H.; HAINKE, L.

Influence of nonmetallic materials on the quality of aluminum
castings. Koh lap 95 no.5:Suppl. 1. ~~Oct 1962~~. 13 no.5:97-103 My '62.

ERDOS, Laszlo, dr.; SZILVASSY, Szilveszter, dr.; DEAK, László, dr.;
HAINTZ, György, dr.

Active and passive immunization against tetanus. Orv. hetil.
105 no.36:1690-1694 6 S '64.

1. Országos Kozegészségügyi Intézet; Országos Traumatológiai
Intézet és a Magyar Néphadsereg Egészségügyi Szolgálat.

ROGOSS, H.; HAINKE, L.

The effect of non-metallic substances on the quality of aluminum castings. Koh lap 95:Suppl.:Ontode 13 no.6:131-142 Je '62.

HAINTZ, Ervin, inz.

Experience in the establishment of the Technical Education
Section in Ceska Trebova. Zel dop tech 12 no. 3: 83 '63

4

MULLER, V., inz; HAINZ, E., inz.

Maintenance of the mechanization equipment in loading and unloading stations. Zel dop tech 12 no.6:160-161 '64.

~~Hainzmann, N.~~
HAINZMANN, N.

621.317.784
✓ 4768. Measuring accuracy of wattmeters with three
metering systems. N. HAINZMANN, Elektrotechnika,
48, No. 7, 210-14 (1955) in Hungarian.
With the help of symmetrical components the
problems are investigated in the general case when
neither the supply system nor the load or the metering
system are symmetrical. After the general theoretical
treatment, certain special supply system conditions are
studied.

NY 2514

HAINZMANN, Nandor, okleveles gepeszmernok

Questions connected with earth leakage protection. Elektrotechnika
53 no.10:443-448 '60

1. Villamos Halozati Szolgalat szakosztalyvezetoje.

HAIOS, S.

Haio, S. - Planning and production of waterproof insulation.p.101

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11
November 1955, Uncl.

HAIS, I.M.
CA

2

Paper chromatography. I. M. Hais. *Chem. Listy* 42, 125-37(1948).—A review with 83 references. I. M. Hais and V. Rábek. *Ibid.* 43, 80-94(1949).—156 references. M. Hudlický

HAIS, I. M.
(6349)

Dept. of Pharmacol., and Chemical Inst., Charles Univ. Albertov, Prague
Paper Partition chromatography of riboflavine decomposition products Nature, London
1949, 163/4150 (768)

Irradiated samples of riboflavine solution have been subjected to chromatography on filter paper using Crammer's technique (Nature, 1948, 161, 349). In addition to residual riboflavine, lumiflavine and lumichrome, yellow fluorescent spots due to two (or more) unidentified products were observed. Commercial injection solutions were analysed by this method, which is claimed to be suitable for following the influence of various conditions on the rate and nature of photolysis.
Slack-Dagenham

SO: Excerpta Medica, Vol. II, No. 12, Sec. II, December 1949

HAIS, I.M.

HAIS, I.M.; RABEK, V.

Application of partition chromatography on paper III. Cas.cek.
lek. 63 no.23:340-358.15 Dec 50. (CIML 20:5)

1. Of the SPOFA Research and Control Institute, Prague.

HAIS I. M.

KASALICKY B., GROSSMANN V, HAIS I. M.

Inhibice serovy cholinesterasy některými deriváty 4-hydroxykumarinu. Inhibition of serum cholinesterase by certain derivatives of 4-hydroxycoumarin Cas. lek. čest. 89:17
28 Apr 50 p. 487-8.

1. Of the Pharmacological Institute of Charles University
(Head — Prof. B. Polak, M.D.), Prague.

CLML 19, 2, Aug 50

Hais, J. M.

Anticoagulant substances. V. Metabolism of rats after prolonged administration of Pelentan. I. M. Hais and S. Záborský (Výzkumný a kontrolní ústav, Spolá, Prague). *Časopis Lékařů Českých* 89, 1116-20 (1930).--Rats were fed, for 140 days, 60 mg. Pelentan/kg. body wt. every 3rd day, later every 6th day. When compared with a control group, a slight but significant increase was observed in nonprotein N in blood. There was an insignificant depression of cholesterolemia and serum cholinesterase activity. No changes were seen in glycemia in fasting animals, in liver glycogen and fat, Takata-Ara reaction, bilirubinemia, tetrabromo-phenolsulfonophthalein test, and osmotic resistance of red blood cells.

Anthony Záborský

LA HAIS, I. M.

11A

Inhibition of human serum cholinesterase by some 4-hydroxycoumarin derivatives. V. Grossmann, I. M. Hais, and B. Kasalick; (Charles Univ., Prague). *Nature* 163, 276(1950).—Of the esters of bis(1-hydroxy-3-coumarinyl)acetic acid (pelentanilic acid) (I) the ethyl ester (Pelentan) (II) has certain advantages over 3,3'-methylenebis(4-hydroxycoumarin) (III) as an anticoagulant. It was found in this investigation that III also has about half the inhibitory effect of II on cholinesterase. Esters of I had inhibitory effects increasing with the length of the esterifying radical over the range C₂ to C₆. The ethylene glycol ester of I which differs from II by an OH in the esterifying radical has a much lower anticholinesterase activity and is a weaker coagulant than II. The physiol. significance of the inhibition of cholinesterase by these anticoagulants is not known. D. F.

HAIS, I. M.

CZECH

Metabolites of homologs of ethyl bis(4-hydroxy-2-oxo-2H-1-benzopyran-3-yl)acetate (Pelentan) in rabbit urine. I. M. Hais and L. Morávek (United Pharmaceutical Works, Prague). *Biol. Listy* 31, 144-51 (1961).—Dicumylol and bis(4-hydroxy-2-oxo-2H-1-benzopyran-3-yl)acetic acid and its esters were administered intraperitoneally to female rabbits. Paper chromatographic studies made on urine revealed that the acid itself as well as its Me and glycol esters remained unchanged, while the Et, Pr, Bu, and Am esters were metabolized to the free acid. Oldrich Sebek

HAIS, I. M.

CA

113

Paper chromatography of the degradation products of riboflavin. II. Instability of lumichrome. Iva M. Hais and Sylva Svobodová (Charles Univ., Prague, Czech.) *Chem. Listy* 45, 25 (1951); cf. *C.A.* 43, 7073f. --Products of alk. photolysis and oxidative degradation (KMnO_4 , H_2O_2) of lumichrome were subjected to paper chromatography in the system BuOH AcOH- H_2O . M. Hudlický

1951

HAIS, I. M.
CA

11/13

Anticoagulant substances IX. Application of paper chromatography in the analysis of 4-hydroxycoumarin derivatives in urine and blood. Ivo M. Hais (United Pharm Works, Prague, Czech.). *Chem. Listy* 45, 70 81(1951) *cf. C.A.* 44, 1492f. — Paper chromatography in the system CH_2Cl_2 , H_2O -BuOH or octanol was used for the detection and identification of pelentan and dicoumarol and some of their degradation products in blood and urine. A soln. of 1 part 0.1% of 4-nitraniline in 0.31 N HCl, 1 part 1% NaNO_2 , 1 part 5% soln. of urea or $\text{H}_2\text{N.SQ.ONH}$, and 7 parts water was used as a developer. Procedures for the blood and urine analysis are given and the results discussed.
M. Hudlický

1951

KOSTIR, J.V.; RYBAR, D.J.; OULEHIA, B.; HALL, I.M.; BERAN, M.

Chromatographic determination of ergotamine and ergotamine. Cesk.
farm. 1 no. 11-12:621-625 1952. (CLML 24:1)

1. Of the Research Institute for Pharmacy and Biochemistry and of
Biochemistry of Charles University, Prague.

HAIS, I.M.

Paper chromatography of radioactive substances. Cesk. farm. 1 no. 11-
12:681-704 1952. (CLML 24:1)

HAIS, I. A.

Comparison of long-term administration of potent anti-
1,1-bis(4-hydroxy-3-coumarinyl)propanone to rats. I. M.
Hais, V. Trčka, E. Holubová, Z. Ledvinová, V. Vrátná,
J. Hájek, V. Grossmann, M. Wenke, A. Burešová, K.
Slavík, C. Michálek, and F. Krejčí (Karlova Univ., Prague,
Czech.). *Časopis Lékařů Českých* 41, 1427-33(1952).--
1,1-bis(4-hydroxy-3-coumarinyl)propanone (I) is more ef-
fective than Et 1,1-bis(4-hydroxy-3-coumarinyl)acetate
(II) for suppressing prothrombin formation, and a compari-
son of their toxicity in rats was carried out. The dose in-
creased for 7 weeks up to 50 mg./kg. and was held constant
for another 14 weeks. The mortality was 45% with I and
40% with II. The liver of most survivors was normal.
Liver fat, cholesterolemia, bilirubinemia, glycemia, thymol
turbidity test, Takata-Ara reaction, and blood nonprotein N
were normal; glycogen was slightly lower in I group than in
control. Blood choline esterase activity was reduced 30%
by I while II had no significant effect. Herbert Morawetz.

2A HHS, I.M.

Separation of oestrogenic hormones by paper chromatography. O. Zbudovská and I. Hložek (Winchem. and Pharm. Research Inst., Prague, Czech.). *Chem. Listy* 46, 307-N (1952).—Estril, estradiol, and estrone were identified by paper chromatography with HCONH_2 as a stationary phase and C_6H_6 , CHCl_3 , or their mixes. as a mobile phase and concd. H_2SO_4 as a detection reagent. Prep. of the steroid ext. from human urine is described. M. Hudlický

HAIS, Ivo. M.

Chemical "bst.

Vol. 48

Apr. 10, 1954

General and Physical Chemistry

(2)
Paper ionophoresis and electrophoresis. Cestmír Michá-
lec and Ivo M. Hais (Farm. biochem. výzkumný ústav,
Prague, Czech.). Chem. Listy 47, 284-310 (1953).—A re-
view with 204 references. M. Hudlický

ME
9-38-54

HAIS, I. , SVOBODOVA, S., KOSTER, J.

"Paper partition chromatography of the fission products of riboflavin." IV. "Effect of pH and light on solutions of riboflavin." p. 205. (CHEMICKÉ LISTY, Vol. 47, #2, Feb. 1953, Czechoslovakia)

East European Vol. 2, #8
SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, August 1953, Uncl.

Hais, I. M.

Paper chromatography of the amino acids of serum, erythrocytes, sweat, and urine after muscular exertion. J. Král, I. M. Hais, and A. Zmánek (Karl's Univ., Praha, Czech.). *Časopis Lékařů Českých* 92, 62-64 (1963).--A 1-dimensional chromatogram was developed on Whatman paper No. 4 over 32 to 48 hrs.; the solvent was BuOH satd. with H₂O and contg. HCO₂H. By running in parallel chromatograms of known ams. of amino acids, semiquant. detns. were accomplished. Lysine, histidine, arginine (R), cystine, asparagine, glutamine (II), citrulline (III), serine, glycine, threonine, glutamic acid, alanine, valine, methionine, phenylalanine, and leucine were detd. One of the unidentified spots gave a Pauly reaction. Sweat may contain some tyrosine. I acid III are always found in human sweat; II is always absent. Muscular exertion changes the ams. Evaluation of photographs of the chromatograms is preferred since the error due to the human eye is reduced. Werner Jacobson

HAIS, I. M.
LECH

V Pílohoře chromatografie. Edited by I. M. Hais and K.
Macek. Prague: Nakl. Česk. Akad. 1954. 120 pp.

MACEK, K.,
HAIS, I. M.: Paper Chromatography (Czech)

14

sm

HATS, Ivo M.

Chromatographic separation of amino acids in the *tert*-butanol-borate buffer (pH 8.5) system. Ivo M. Hais and Oldřich Horešovský (Výzkumný Ústav Farm. Biochem., Prague, Czech.). *Chem. Listy* 48, 648-61 (1954).—Solvent system *tert*-BuOH-borate buffer is used for sepn. those amino acids the sepn. of which in other systems is difficult. The solvent is composed of 85 parts *tert*-BuOH liquefied with 5% H₂O, and of 15 parts of a buffer (pH 8.5) prepd. by dissolving 4.143 g. H₃BO₃ and 5.0 g. KCl in 0.5 l. H₂O, by adding a soln. of complexon III (0.15 g. in 114 ml. 0.1N NaOH), and by bringing the pH to 8.5 with 0.1N NaOH. Detection was carried out by a soln. consisting of 9 parts 0.2% EtOH soln. of ninhydrin with 1 part AcOH. The sepn. of amino acids having low R_f can be improved by repeated development.

M. Hudlický

14-15-54

mf

HAIS, J.M.

Note on paper chromatography of estrone and estradiol.
 O. Šiblíková-Zbudová and J. M. Hais [Vědomostní listy
 farm. blokem., Prague]. *Chemistry* 48, 1708 (1954).
 In a system propylene glycol-toluene, 17 β -estradiol moves
 more slowly than estrone, the zones being 0.8-2.5 cm., and
 12-13.7 cm., resp., with the front distance being 15 cm.;
 in HCONH₂ and benzene-CHCl₃ systems (4:1), the dis-
 tances are 10.5-12.2 cm. and 20-21.7 cm., resp., with the
 front distance 25 cm. The results contradict those of
 Rosokhrantz (C.A. 48, 2254). M. Hudlíky.

Hais, I. M.

✓ 533. Partition chromatography of sulphonamides on paper impregnated with a buffer. D. Hybát, B. Toušek and I. M. Hais (Chemopharma, Ústí nad Labem, Czechoslovakia) (*Chem. Listy*, 1954, 48 [10], 1532-1538).—The influence of pH on the separation of a number of sulphonamides by chromatography on paper (Whatman No. 1) impregnated with borate buffers, with *n*-butanol saturated with water as the mobile phase, was investigated. The dissociation of the sulphonamide group at higher pH and the ionisation of the aromatic amino group of the sulphonamides at lower pH leads to a lowering of their R_F values. The relationship between R_F or R_M values and pH is dependent on the pK values of the sulphonamides, but even at extreme values of pH no simple relationship has been established. By choosing a suitable buffer, the separation of sulphonamides by paper partition chromatography is readily achieved.
G. GLASER

(2)

Hair IM

Med
 ✓ Possible significance of urocanic acid content of sweat
 for protection against the erythema-producing effect of
 ultraviolet radiation. A. Zenisek, J. A. Kral, and I. M.
 Hais (Charles Univ., Prague). *Congr. Intern. biochim.*
Resumés communs., 3^e Congr., Brussels 1955, 124 (in Eng-
 lish); cf. C.A. 49, 6410A. The amt. of urocanic acid in
 sweat greatly exceeds the amt. in other body fluids in man.
 Since it shows powerful absorption of radiation at 300 mμ,
 (in the zone of greatest erythema production and cancer pro-
 duction), it may have a role as a natural protection against
 short-wave solar rays. W. C. Tobie

CZECHOSLOVAKIA/Human and Animal Physiology (Normal and Pathological). Skin

T-14

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51403

Author : Kral, Jiri; Zenisek, Antonin; Hais, Ivo M.

Inst : Carolina University of Prague, Institute of Medicine.

Title : The Significance of Urocanic Acid in Human Sweat for the Protection of the Skin from Ultraviolet Rays.

Orig Pub : Univ. carolina. Med., 1955, Suppl. No 1, 379-384.

Abstract : It has been established that human sweat contains urocanic acid, produced by histidine. This acid causes sweat absorption of ultraviolet (UV) rays in the part of the spectrum (290-310 m μ) which produces erythema. The possibility of using this factor in research is discussed, in order to find a substance which would insure artificial skin protection from effects of UV rays. -- A.S. Raben.

Card 1/1

CZECH

Antituberculous factor of milk. A. Šimek, Z. Frano, H. Štědrá, and I. M. Hais (Pharm. Biochem. Research Inst., Prague). *Czechoslov. hyg., epidemiol., mikrobiol., imunol.* 4, 124-7 (1965).--Administration of milk or whey to mice infected with *Mycobacterium tuberculosis* (1) prolonged the survival time and reduced the loss of wt. The effective factor passed through a cellophane membrane and was not destroyed by boiling or acidification. Whey and its dialyzate inhibited *in vitro* the growth of *M. tuberculosis* in modified Kirchner medium.

HAIS, I.M.; MACEK, K.: FRANCOVA, V.

Paper chromatography and iontophoresis of chloramphenicol and related substances. Cesk.farm. 4 no.3:127-129 Apr 55.

1. Z Vyzkumneho ustavu pro farmacii a biochemii v Praze.
(CHLORAMPENICOL, determination,
chromatography, paper, & iontophoresis)
(ION TRANSFER,
iontophoresis of chloramphenicol)
(CHROMATOGRAPHY,
of chloramphenicol)

Chemical characterization of the main metabolic product of the anticoagulant drug, Felentan, in human urine. K. Pužik, I. M. Hais, B. Kakač, B. Knobloch, and Z. Procházka (Research Inst. Pharm. Biochem., Prague). *Physiol. Bohemoslov.* 4, 303-15 (1955) (in English); cf. C. 49, 12199. No difference was found between asynthetic $\text{H}_2\alpha$ -(4-hydroxy-3-coumarinyl)- α -(4,7-dihydroxy-3-coumarinyl)acetate and the main metabolic product of Felentan.

Ascorbic acid. FRUIT SAMPAGNA

Felix Salmhofer

FUGIK, K.; HAIS, I. M.; KAKAC, V.; KNOBLOCH, E.; PROCHAZKA, Z.

Chemical characteristics of the main product of anticoagulant pelentan in human urine. Cesk. fysiolog. 4 no.3:342-348 1955.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

(COUMARIN, derivatives,

ethyl biscoumacetate, metab. products in urine, determ.)

(URINE,

ethyl biscoumacetate metab. products, determ.)

Hais - I.M.

✓Sun-screening effect of urocanic acid. A. Ženíšek, J. A. Král, and I. M. Hais (Charles Univ., Salmovská, Prague). *Biochim. et Biophys. Acta* 18, 589-91(1955); cf. C.A. 48, 2866c.---Comparison of the ultraviolet absorption curve of urocanic acid (I) with a curve relating erythemogenic activity and wave length of the erythemogenic radiation indicates that the absorptive properties of I make it useful as a sun-screening agent. I, though absorbing erythema-producing radiation, transmits the pigment-producing radiations. The normal I concn. in the sweat of 15 subjects was in the range of 40-160 γ /ml. Morton Pader

HAIS, I. M.

CZECH

✓ Partition chromatography of sulfonamides on paper
impregnated with a buffer. Dalibor Rybát, Bohumil
Toušek, and Ivo M. Hais. *Collection Czechoslov. Chem.*
Commun. 20, 721-6 (1935) (in German).—See C.A. 49,
2031a. E. J. C. (2)

HAIS, I. ;

Paper iontophoresis of some 4-hydroxycoumarin derivatives. p. 706

CHEMICKÉ LISTY (Cheskoslovenska akademie ved. Ceskoslovenska spolecnost chemicka) Praha, Czechoslovakia. Vol. 49, no. 5, May 1955

Monthly List of East European Accessions (EEAI) LC. Vol. 9, no. 1, Jan. 1960
Uncl.

Hais, I.M.

CZECH

/Paper ionophoresis of 4-hydroxycoumarin derivatives.
Ivo M. Hais (Vězkumový ústav farm. biochem., Prague).
Chem. Listy 49, 700-16 (1955).—Sepn. by paper ionophoresis
was carried out with 4-hydroxycoumarin, 3-phenyl-4-hydroxy-
coumarin, 3,3'-methylenebis(4-hydroxycoumarin), bis(4-hy-
droxycoumarinyl)acetic acid, its Et ester (Pelentan), Am
ester, and glycol monoester. According to the changes in elec-
mobility in dependence on pH, disocn. of the compds. can
be followed, and information about the disocn. constn. pro-
vided. Mono-7-hydroxy deriv. of Pelentan isolated from
pig urine seems to be disocd. in 3 degrees at pH higher
than 9. The method permits the estn. of pK of the com-
ponents of complex mixts. (urine exts.) without previous
isolation. M. Hudlický

A Bz

Hais, I. M.

CZECH

✓ A comparison between the blood levels and elimination of *d*-, *l*-, and *dl*-chloramphenicol in laboratory animals. V. Francová-Klimová and I. M. Hais (Výzkumný ústav pro farm. a biochem., Prag). *Časopis Lékařů Českých*, 94, 709-15(1955).—A propylene glycol soln. of 150 mg./kg. body wt. of *d*-, *l*-, and *dl*-chloramphenicol (I) was administered to rats and rabbits. The levels of aromatic nitro compounds (II) were higher when the *l* and *dl* form was administered. The excretion of II plus aromatic amino compounds (III) in the urine of rats was highest when the *l* form had been administered. Proportions of III in urine and feces were highest after the administration of the *l* form. Delayed resorption and elimination was observed in dogs to which I had been administered in aq. suspension during chloralose-phenobarbital anesthesia. I, 1-*p*-nitrophenyl-2-amino-1,3-propanediol, and 4 other substances were detected in dog urine, two of which moved anodically on paper ionophoresis and were attributed to glucuronides. No striking difference of the paper chromatographic pattern of metabolites was noted whether *d*-, *l*-, or *dl*-I was administered. The study of the metabolism of I in rats of various age groups did not throw any light on their different susceptibility to the toxic effects of chloramphenicol. I. M. Hais

1. Výzkumný ústav pro farmaci a biochemii v Praze.
(Chloramphenicol; metabolism; blood level
& *d*-, *l*-, & *dl*-chloramphenicol elimination in rats)

CZECHOSLOVAKIA / Pharmacology. Toxicology.
Anticoagulants.

V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13894

Author : Hais, I.M.; Ledvinova, Z.

Inst : -

Title : Comparison of Transformations of Desoxypelentan
and Other Anticoagulants.

Orig Pub : Chemotherapeutika. I. Framac. Sympos., Praha,
1956, 88-89

Abstract : Of K antivitamins, desoxypelentan (I) and des-
oxytan (II), like dicoumarin, are anticoagulants
of prolonged action; pelentan (III) is an anti-
coagulant of comparatively short action. I and
II do not split in biologic media; from III,
saponification and hydroxylation products form.
In rats, rabbits and dogs, the level of I in the

Card 1/2

CZECHOSLOVAKIA / Pharmacology. Toxicology.
Anticoagulants.

V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13894

blood is higher; in mice it is comparatively low. In rabbits and dogs, the level of I in the blood did not change with introduction of vitamin K₁. For determination of I in blood and organs, a method was developed leading to granulation, precipitation of proteins, extraction with an organic solvent, chromatography in a formamidebenzine system and detection by a reaction, that consists of chlorination and subsequent alkalization. II was detected by fluorescence after alkalization. -- A. G. Brusilovskaya

Card 2/2

CZECHOSLOVAKIA/ Chemical Technology, Chemical Products and
Their Application - Medicinals. Vitamins.
Antibiotics

J-3

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5592

Abstract : photolorimetrically (utilizing in the latter instance
the color reaction with H_2SO_4).

Card 2/2

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000617820001-6"

HAIS, IVO H., ed.

(Paper chromatography. 2d ed. illus.(part col.), bibl., graphs, tables).

Praha, Czechoslovakia, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS (EMAI), LC, Vol. 8, No. 7, July 1959, Uncles.

ZENISEK, A.; KRAL, J. A.; HAIS, I. M.; ROTH, Z.; SKRAMOVSKY, V.; KUTOVA, M.;
Technicka spoluprace M. Kyselova

Fractional composition of sweat produced by heat and strenuous work.
III. Effect of previous baths. Cas.lek.cesk 100 no.6:170-175
10 F '61.

1. Ustav telovychovneho lekarstvi KU v Praze, prednosta prof. dr.
J. Kral. Vyzkumny ustav pro farmacii a biochemii, reditel inz. dr.
O. Nemecek. II. ustav lekarsky chemie KU v Praze, prednosta prof.
dr J. Sula. Vyzkumny ustav chorob revmatickych, prednosta prof.
dr. Fr. Lench.

(SWEAT chem) (BATH)

HAIS, Ivo, red.; MATSEK, K., red.; VOL'FSON, B.M. [translator];
~~ZAPROMETOV~~, M.N., red.

[Chromatography on paper] Khromatografiia na bumage.
Pod red. M.N. Zaprometova. Moskva, Izd-vo inostr. lit-ry,
1962. 851 p. (MIRA 16:8)
(Paper chromatography)

SIBLIKOVA, O.; CERNA, M.; HAIS, I.M.

Contribution to the metabolism of ketophenylbutazone. II.
Ketophenylbutazone metabolites in urine. Cesk. farm. 11 no.3:
123-126 Mr '62.

1. Vyzkumny ustav pro farmacie a biochemii, Praha.
(PHENYLBUTAZONE rel cpds)

HAIS, I.M.; LEDVINOVA, Z.; VACHEK, J.; TRCKA, V.; KONICKOVA, L.

Studies on anticoagulants. XXXVI. The level of 2-(3-chromonyl)-
2-(4-hydroxy-3-coumarinyl)-diethylsulfide in animals. Cesk. farm.
11 no.3:113-118 Mr '62.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.
(SULFIDES metab) (COUMARINS metab)

FRANC, Z.; HORESOVSKY, O.; HAIS, I.N.

Studies on anticoagulant substances. XXXVII. Distribution, absorption and excretion of S35 in mice, rats and rabbits after the administration of an anticoagulant 2,2-di 4-hydroxy-3-coumarinyl - diethylsulfide-S35 (Thiotan).

1. Vyzkumny ustav pro farmacie a biochemii, Praha.
(COUMARINS metab) (SULFUR metab)

SIBLIKOVA, O.; CERNA, M.; HAIS, L.M.

Review of some color and fluorescence methods in detecting steroids.
II. Cesk. farm. 11 no.4:187-191 My '62.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.
(STERIODS chem) (CHROMATOGRAPHY)

PLACKOVA, Z.; HAIS, I.M.; WAGNER, J.

Evaluation of a new sulfonamide with prolonged action. 2-Sulfonamido-5-methoxypyrimidine in the animal organism. Cesk. farm. 11 no.6:296-302 J1 '62.

1. Vyzkumny ustav pro farmaci a biochemii, Praha I. ustav lekarske chemie University Karlovy, Praha.
(SULFONAMIDES metab)

CZECHOSLOVAKIA

Z. PLACKOVA, J. WAGNER and I. M. HUIS, Pharmacy and Biochemistry Research Institute and Medicinal Chemistry Department 1 of Charles University (I. ustav lekarske chemie Karlove University,) Prague.

"Fate of Pyridazine Sulfonamides in the Animal Body."

Prague, Ceskoslovenska Farmacie, Vol 12, No 5, June 63; pp 239-242.

Abstract [English summary modified]: Study of five 6-substituted sulfonamidopyridazines: -OCH₃ [Kynex[®], etc.]; -SCH₃, -SC₂H₅, -SOCH₃ and -SOC₂H₅; blood levels and excretion in rats & mice, organ levels in mice, human serum protein binding. Results indicate that the widely used methoxy compound is the best long-acting sulfonamide for its duration of action. Structural formula; 6 graphs; 9 Western and 3 Czech (incl. 1 thesis & 1 patent) references.

1/1

CZECHOSLOVAKIA

Z. PLACKOVA and I. M. HUIS, Pharmacy and Biochemistry Research Institute (Vyzkumny ustav pro farmacii a biochemii,) Prague.

"Distribution and Excretion of Ganglioplegics N,N,1,2,2,-Pentamethylcyclohexylamine and N,N,2,2,3-Pentamethylbutylamine(3) Given Orally to Rats."

Prague, Ceskoslovenska Farmacie, Vol 12, No 5, June 62; pp 242-246.

Abstract[English summary modified]: After 50 mg./Kg. p.o., highest levels were found in the kidneys; then brain liver & heart; very low in plasma. Excretion was more rapid with either than with dimecamine or mecanylamine. Three structural formulae, 6 tables; 6 Czech (1 unpublished) and 4 West'n references.

1/1

PLACKOVA, Z.; WAGNER, J.; HAIS, I.M.

Comparison of the fate of various pyridazine sulfonamides in the animal body. Cesk. farm. 12 no.5:239-242 Je '63.

1. Vyzkumny ustav pro farmacii a biochemii, Praha I ustav lecarske chemie KU, Praha.

(SULFAMETHOXYPYRIDAZINE)	(SULFAPHENAZOLE)
(SULFADIMETHOXINE)	(SULFONAMIDES)
(URINE)	(FECES) (METABOLISM)

CZECHOSLOVAKIA UDC 612.014.481.1:612.82.015.2(547.964.4:517.475.2)
-088:612.432)-084

TOMANA, M.; HAIS, I.M.; SIMEK, J.; Institute of Chemistry and Biochemistry, Medical Faculty, Charles University (Ustav Chemie a Biochemie Lek. Fak. KU), Hradec Kralove, Head (Prednosta) Dr I.M. HAIS; Physiological Institute, Medical Faculty, Charles University (Fyziologicky Ustav Lek. Fak. KU), Hradec Kralove, Head (Prednosta) Prof Dr J. MELKA.

"The Role of the Pituitary in Changes of the Ascorbic Acid and Glutathione Level in the Brain of Rats During the First 24 Hours After X-Ray Irradiation."

Prague, Casopis Lekaru Ceskych, Vol 105, No 30, 15 Jul 66, pp 812 - 815

Abstract [Authors' English summary modified]: After whole-body irradiation with a dose of 600 r no changes were observed in intact rats; the brain of adult and 6 day old rats who underwent hypophysectomy showed a decreased content of ascorbic acid and of glutathione. No changes were observed when ACTH was injected intraperitoneally into non-irradiated rats. It seems that other factors, apart from the simple change in the amount of the circulating ACTH influence the contents of ascorbic acid and glutathione in the brain. 4 Tables, 5 Western, 4 Czech references.
1/1 (Ms. rec. Mar 66).

CZECHOSLOVAKIA

SIMEK, J., LEJSEK, K., SEDLACEK, J., MELKA, J., HAIS, I.M.; Chair of Physiology, Chair of Medical Chemistry, Chair of Experimental Physiology, Medical Faculty, Charles University, (Katedra Fysiologie, Katedra Lekarske Chomie, Katedra Experimentální Fysiologie, Lek. Fak. KU), Hradec Kralove.

"Respiration Metabolism of Sections and Succinate Oxidase Activity of Isolated Mitochondria in Livers of Rats of Different Ages After Partial Hepatectomy."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 130-131

Abstract: Experiments conducted on 36 male rats aged 3 to 24 months are described. Partial hepatectomy resulted in an increase of oxygen consumption, the succinate oxidase activity was decreased. Older rats that underwent a removal of 65-70% of the liver were able to modify their energy and material metabolism to such an extent that a nearly normal liver regeneration took place. 1 Figure, 5 Western, 1 Czech reference. Submitted at the Full Meeting of the Physiological Section of the Czechoslovak Medical Society of J.E. Purkyne at Hradec Kralove, 8 Sep 65.

CZECHOSLOVAKIA

SIMEK, J., LEJSEK, K., SEDLACEK, J., MELKA, J., HAIS, I.M;
Chair of Physiology, Chair of Medical Chemistry, Chair of
Experimental Physiology, Medical Faculty, Charles University
(Katedra Fysiologie, Katedra Lekarske Chemie, Katedra Experiment-
alni Fysiologie Lek. Fak. KU), Hradec Kralove.

"Respiration Metabolism of Liver Slices and Succinate Oxidase
Activity of Isolated Liver Mitochondria in Rats Irradiated With
1400r Following Partial Hepatectomy."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 132-133

Abstract: The weight of the liver was reduced 65-70% by
hepatectomy, and the irradiation took place 6 hours later. Samples
were taken 42 hours after irradiation; during this period no food
was given to the rats. Irradiation did not influence the
changes in composition of the liver and its metabolism modifica-
tion resulting from the hepatectomy. 1 Figure, 5 Western,
2 Czech references. Submitted at the full Meeting of the
Physiological Section of the Czechoslovak Medical Society of
J.E.Purkyne, at Hradec Kralove, 6 Oct 65.

1/1

CZECHOSLOVAKIA/Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics.

H

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82708.

Author : Siblikova O., Hais J.

Inst :

Title : Certain Color Reactions and Fluorescence of
Steroids.

Orig Pub: Ceskosl. farmc., 1958, 7, No 1, 1-13.

Abstract: The color spot reactions of steroids with various reagents were studied by paper chromatography. It was determined that the reactions based on Halochromic and Halofluoric (with H_2SO_4 , H_3PO_4 , $SbCl_3$, reagent of Dragendorff and Zimmerman) are not sufficiently specific. The most specific reactions are the reduction of Ag^+ and salts of tetrazolium.

Card : 1/2

Hais, K.

AGRICULTURE

PERIODICAL: VESTNIK, VOL. 6, No. 2, 1959

Neuman, V.; Hais, K.; Janeczek, A. Chemistry in agriculture and animal health protection. p. 103.

-Hn. News from the presidium of the Czechoslovak Academy of Agricultural Sciences. p. 107

Monthly List of East European Accessions. (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

HAIS, Karel, MVDr.

First International Conference on the Toxicology of Products Used
for Plant Protection. Vestnik CSAZV 8 no.5:291-294 '61. (EEAI 10:6)

1. Vyzkumny ustav veterinarni Ceskoslovenske akademie zemedelskych
ved, Brno.
(Plants)

HAIS, Karel

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Doctor of Veterinary Medicine

Affiliation: Brno

Source: Prague, Veterinarstvi, Vol XI, No 6, 1961, pages 220.

Data: "The Problem of Residua of the Preparations Applied in the Protection of Plants."

GPO 981643

MELICHAR, B., Docent Dr; HAIS, K., DVM.

Czechoslovakia

Brno, Veterinářství, No 1, 1963, pp 13-17

"Contribution to the Biochemical Explanation of the
Ethiology of Tympanitis Acuta and Experiences with
Silicon Antifoaming Agents."

2

CZECHOSLOVAKIA

HAIS, K., Research Institute of Veterinary Medicine, Brno, Department of Biochemistry, Head Assst. Prof. J. Vlcek (Vyzkumny ustav veterinarniho lekarstvi v Brne, Biochemicke oddeleni, veditel ustavu inz. MVDr. doc. J. Vlcek).

"The Influence of Insecticides Containing Organic Phosphorus on the Health of Domestic Animals."
"Effect of Feeding of Greens Treated with Intraion and during Period of Protection."

Prague, Veterinarni Medicina, Vol 8, No 1, Jan 63, pp 31-40.

Abstract: Toxicity of greens during the 21 days period after application of insecticide was studied. Ruminants were not killed even when fed greens freshly treated. It is however possible that some damage to their health took place. Resistance in older animals was greater than in young ones. 4 Figures, 2 Tables, 5 Czech, 2 German refs.]
1/1

CZECHOSLOVAKIA

HAIS, K., Institute for the Hygiene and Technology of Foods, Agricultural College, Head Assst. Prof. Z. Matyas (Ustav pro hygienu a technologii potravin veterinarni fak. VSM, vedouci inz. MVDr. Zdenek Matyas), Brno.

"The Influence of Various Ways of Extraction on the Values of Tests for the Determination of Spoilage of Pats in Fresh and Frozen Pork Meat and Fat."

Prague, Veterinarni Medicina, Vol. 8, No. 2, 63, pp 131-134.

Abstract: Various methods for the extraction were tested. The best results were obtained when cold extraction was used. 3 Western, 3 Czech, 3 Polish 5 Russian references.

1/1

CZECHOSLOVAKIA

MASEK, Josef, Graduate Chemist, HAIS, Karel, Dr of Veterinary Medicine, in cooperation with CADERSKA, Libuse and BOCHORAKOVA, Jitka, Biochemical Department (Biochemicke oddeleni) of the Veterinary Medicine Research Institute (Vyzkumny ustav veterinarniho lekarstvi), Brno, Karel HAIS, Dr of Veterinary Medicine, director.

MASEK, Josef, promovany chemik; HAIS, Karel, MVDr.

Research on the effect of industrial fumes on cattle.
Vestnik vyzk zemedel 10 no.1:13-14 '63.

1. Vyzkumny ustav veterinarniho lekarstvi, Brno.

HAIS, Karel, promovany veterinarni lekar

Physical methods of determining the hygienic efficiency of
pasteurizers. Prum potravin 14 no.11:587-589 N°63.

1. Ustav pro hygienu a technologii potravin veterinarni fa-
kulty, Brno.

HAIS, Karel, MVDr.; MELICHAR, Bohuslav, doc. dr. PhMr.

Effect of organophosphorous insecticides on the health of domestic animals. Pt.3. Veter medicina 8 no.1:31-40 Ja '63.

1. Research Institute of Veterinary Medicine, Brno, Biochemical Department. Director of the Institute: [inz. MVDr. doc.] Jan Vlcek.

HAIS, Karel ml., promovany veterinar

Effect of various extraction methods on the value of tests of fat putrification in fresh and frozen fatty tissue and meat, Veter medicina 8 no.2:131-134 Mr '63.

1. Institute of Hygiene and Technology of Food, Faculty of Veterinary Medicine, Higher School of Agriculture, Brno.
Head of the Institute [doc. MVDr] Zdenek Matyas.

MAGEK, Josef, přemovný chemik; HALL, Karel, PWr.

Negative effects of industrial overultraviolet on cattle. Veter. medicina
8 no.5:341-348 O '61.

1. Biochemical Department of the Research Institute of Veterinary
Medicine, Brno. Head of the Department [Mdr. Karel Hall.

MASEK, Josef, promovany chemik; HAIS, Karel, MVDr.

Negative effects of industrial fumes on cattle in the Ostrava area. Vest ust zemedel 11 no. 4:161-162 '64.

1. Research Institute of Veterinary Medicine, Brno.

HAIS, K.; FRANZ, J.

! On the problem of motathione residues in milk after disinfection. Cesk. hyg. 10 no.3:205-208 My '65.

1. Vyzkumny ustav veterinarniho lekarstvi, Brno.

CZECHOSLOVAKIA

HAIS, K.; Research Institute of Veterinary Medicine (Vyzkumny Ustav Veterinarniho Lekarstvi), Brno - Medlanky.

"On the Feeding of Fodder Desiccated with "Reglon" and "Defolex"."

Prague, Veterinarni Medicina, Vol 11, No 6, Jun 68, pp 403-410

Abstract [Author's English summary modified]: Lucerne and clover desiccated with Reglon and Defolex may be fed to farm animals for extended periods without any risk to their health. It is not recommended that it be fed to milch cows, as the possible presence of the chemicals Reglon and Defolex may have deleterious effects. Research in this field has not been completed. 7 Figures, 3 Tables, 2 Western, 2 Czech references. (Manuscript received 16 Feb 68).

1/1

- 75 -

HAIS, L.; HORESOVSKY, O.

"System of Tertiary Butanol and Borate Buffer pH8, 5 for the Separation of Amino Acids", P. 549, (CHEMICKÉ LISTY, Vol. 48, No. 4, April 1954, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3, Mar 1955, Uncl.

HAISMAN L.

COUNTRY : Czechoslovakia
CATEGORY :

8-20

ABST. JOUR. : ZEMLE., No. 18 1959, No.

58947

ABST. : HAISMAN, L. and Krcal, L.
AUTH. : Not given
TITLE : On the Dehydration of Eggs

ORIG. PUB. : Prumysl. Potravin, 9, No 2. 75-76 (1958)

NOTE : The author presents the results from production tests on the effect of the pasteurization of the mixture [sic] on the quality of the powdered eggs. Pasteurization reduces the microorganisms count in the powdered eggs by about 10%.
T. Zvarova

CARD: 1/1

HAISOVA, Milena

Pediatric care in cleft palate defects. Acta chir. orthop. traum. cech.
25 no.1:39-42 Feb 58.

1. Klinika plasticke chirurgie v Praze XII, prednosta akademik F. Burian
Detska klinika v Praze XII, prednosta prof. J. Pisarovicova.

(CLEFT PALATE, ther.
pediatric care (Cz))

HUNGARY

LANG, Sandor, Dr, AMBROZY, Gyorgy, Dr, HAITZ, Geza, Dr; Medical University of Budapest, Psychiatric Clinic (director: NYIRO, Gyula, Dr, prof.) and Neurological Clinic (director: HORANYI, Bela, Dr, prof.) (BOTE -- Budapesti Orvostudományi Egyetem, Pszichiatriai Klinika és Neurológiai Klinika).

"Study of the Changes in Blood Coagulation in the Course of Carotid Angiography."

Budapest, Ideggyógyászati Szemle, Vol XIX, No 8, Aug 66, pages 252-254.

Abstract: [Authors' Hungarian summary] The effect of the contrast material, used in carotid angiography, on blood coagulation was studied in 50 cases. It was found that the average amount of contrast material administered in the course of angiography has no notable effect on blood coagulation.
3 Hungarian, 1 Western references.

1/1

- 71 -

HUNGARY

FORNADI, Ferenc, Dr, SZEGEDY, Laszlo, Dr, ~~HAITS, Geza, Dr~~; Medical University of Budapest, Psychiatric Clinic (acting chairman: FORNADI, Ferenc, Dr, docent) (BOTE -- Budapesti Orvostudományi Egyetem, Pszichiatriai Klinika).

"Subarachnoidal Hemorrhage, Repeated Five Times, Originating in the Arteriovenous Vessel Conglomerate of the Brain Stem."

Budapest, Ideggyógyászati Szemle, Vol XX, No 1, Jan 67, pages 44-48.

Abstract: [Authors' Hungarian summary] The case of a 45 year old woman is reported. Within 15 years, the patient was hospitalized 5 times for repeated subarachnoidal hemorrhages. The case is of clinical interest because of the good general condition and relatively well preserved personality of the patient during the times between the individual hemorrhages. The hemorrhage originated from an arteriovenous aneurysm situated in the upper third of the mesencephalon. Together with the repeated hemorrhages, this vessel anomaly may, presumably, also have played a role, by way of altering the hemodynamic conditions, in the development of very pronounced cerebral atrophy and extremely severe vascular changes of arteriosclerotic character. 7 Hungarian, 6 Western references.

1/1

HATT, Vladimir

Dispatching service. Del. no. teen 10 no. 10:270-275. 164.

EXCERPTA MEDICA Sec 17 Vol 5/6 Public Health June 59

1601. AN EPIDEMIC OF BENIGN SEROUS MENINGITIS - Ueber eine Epidemie gutartiger Meningitis serosa - Taneff I. and Haitoff A. Klin. für Infekt.-Krankh., Med. Fak., Sofia - NEUE ÖST. Z. KENDERHEILK. 1957, 2/4 (281-290) Graphs 3 Tables 1

In the summer months of 1954, an epidemic of benign serous meningitis occurred in Sofia. Ninety cases were admitted to hospital; the majority, however, were treated at home. The clinical picture was dominated by the meningeal symptom complex. The CSF showed a moderate increase of globulins and pleiocytosis up to 1,000 cells per cu. mm. Only a few patients in the first days of the disease showed polynuclear pleiocytosis; all others lymphocytary pleiocytosis. All patients recovered fully. In animal experiments, transmission to mice succeeded in 62% of the inoculations. Isolation and identification of the causative agent proved impossible.

Chytka - Brno (L. 7, 8, 17)

L. 32095-66

ACC NR: AP6020671

SOURCE CODE: HU/0032/66/000/001/0028/0032

AUTHOR: Szegedy, Laszlo (Doctor); Haita, Giza (Doctor)

ORG: Psychiatric Clinic /directed by Dr., Prof. Gyula Nyiro/ (Budapesti Orvostudományi Egyetem, Pszichiatriai Klinika)

TITLE: Carotid angiography on aged and arteriosclerotic patients

SOURCE: Ideggyógyászati szemle, no. 1, 1966, 28-32

TOPIC TAGS: circulatory system disease, brain

ABSTRACT: A report is given on 422 cases of carotid angiography performed on aged patients and patients with cerebrovascular damage. In the course of 482 angiographic examinations, no complications were encountered at all. A pronounced improvement was noted in 64 patients following angiography. Based on literature data and on their own cases, the problems of the performance of angiography in the presence of vascular disease are analyzed by the authors. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 BLG

MIRON, Radu, conf. univ.; NEGREI, Veronica; MANOLIU, Lucia; POLIZU, Lucia;
VISA, Eugen; HAIVAS, M.; GLIGOR, I.; FUCHS, I.; ZOICAN, Voicu;
BAGHINA, V., prof.; HADIRCA-BREAZA, I.; IVANESCU-TIRGOVISTE, C.;
NEGREA, M.; SPIRIDON, I.; SZABO-PLOIESTI, T.; GRIGORE-PLOIESTI, I.,
prof.; BAZACOV, Gh., prof.; PAUNESCU, Al.; MORARU, I.; SAHAGIA, C.;
UDREA, V., prof. (Galati); NIMITAN, I. (Suceava)

Observations on the Analytic Geometry Manual for the 11th grade.
Gaz mat fiz 15 no.6:298-321 Je '63.

1. Societatea de Stiinte Matematice si Fizice, Filiala Iasi (for Miron). 2. Societatea de Stiinte Matematice si Fizice, Filiala Craiova (for Negrei, Manoliu, Polizu). 3. Societatea de Stiinte Matematice si Fizice, Filiala Timisoara (for Visa, Haivas, Gligor, Fuchs). 4. Societatea de Stiinte Matematice si Fizice, Subfiliala Petroseni (for Zoican). 5. Societatea de Stiinte Matematice si Fizice, Filiala Ploiesti (for Baghina, Hadirca-Breaza, Ivanescu-Tirgoviste, Negrea, Spiridon, Szabo-Ploiesti, Grigore-Ploiesti). 6. Societatea de Stiinte Matematice si Fizice, Subfiliala Tg. Severin (for Bazacov, Paunescu, Moraru, Sahagia).

Eradication of an old focus of ancylostomiasis. Microbiologia
(Eucur.) 9 no.3:225-230 My-76 '64

1. Lucrare efectuată în: Spitalul de igienă din Timisoara.
Stațiunea de malarie-helminologie din Timisoara și Centrul
antihelmințic din Anina.

HAIDMAN, N.

Accuracy of three-element meters. p. 210.
(ELEKTROTEKHNIKA. Vol. 48, no. 7, July 1955. Budapest.)

SO: Monthly List of East European Accession. (EEN). Lc. Vol 4 Nov. 11 Nov. 1955 Incl.

HAJAS, Jeno, okleveles gepeszmernok

Present state of training welders in Hungary. Gep 17 no.2:76-80
F '65.

1. Jeno Landler Technical School of Machine Industry, Budapest.

HAJDU, Gyorgy

Development of the Capital Waterworks, 1867-1964. Hidrologiai
kozlony 45 no.4:145-155 Ap '65.

1. Capital Waterworks Budapest, and Editorial Board Member,
"Hidrologiai Kozlony."

KULCSAR, Antal, okleveles gepeszmernok, okleveles villamosmernok;
HAJAGOS, Gyorgy, muszaki foealodo.

Increasing durability of parts exposed to heavy wear by
manul welding of surface layers. Bany lap 96 no.12: 912-
914 D'63.

1. Nehezipari Miniszterium Erc- ez Asvanybanyaszati
Foosztaly.

KULCSAR, Antal, okleveles banyamernok es koleveles villamosmernok;
HAJAGOS, Gyorgy, muszaki foelado

Renovation of the mantle of crushing and milling cylinders
by mechanical welding of surface layers in ore and mineral
mining. Bany lap 97 no.9:608-610 S '64.

1. National Ore and Mineral Mining Enterprise, Budapest.

HABAS, J.

J. Habas, Gy. Kristóf and J. Piskor :
modern date methods of welding : J. Kristóf
Köcskös --
Budapest, 1954, Nehézip. Kiadó, 551 p., Ft 65. --

33

Hajas, J.

Results of automatic shielded arc welding in the Gheorghiu Dej Shipyards. p. 200
Vol. 3, No. 7 July 1956. JARNVEK MEZOGAZDASAGI GEPEK. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1
January 1956.

Hajas, Klara, dr.

Primary hypertrophic osteoarthropathy. Orv. hetil. 103 no. 27: 1271-1274
8 J1 '62.

1. Orvostovábbképző Intézet, IV Belosztály.

(OSTEOARTHROPATHY HYPERTROPHIC PULMONARY case reports)

HAJAS, Sandor, okleveles kohomernok

Gas absorption and degasification of aluminum alloys. Koh lap
96 no.1:Suppl.:Ontode 14 no.1:19-24 Ja '63.

1. Csepeli Fommu.

HAJAS, Tibor; KOLOSTORI, Janos; MOGYOROSI, Sandor; PINTER, Ferenc

The Danube Cement and Lime Works. Musz élet 18 no.3:1,12 31.
Ja '63.

POLAND/Solid State Physics - Phase Equilibria, Phase Conversions. E-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 6074

Author : Hajciechawski Kazimierz

Inst : -

Title : Theory of Order in Fe₂Al Alloy

Orig Pub : Acta phys. polon., 1959, 18, No 1, 15-20

Abstract : A statistical theory is proposed for the process of ordering in the Fe₂Al alloy. The expression for the configurational energy of the alloy is written with allowance for the interaction of the given atom with atoms located on the first three coordination spheres. The state of thermodynamic equilibrium is obtained from the condition of the minimum of free configurational energy. The ordering temperature is expressed in terms of the interaction energies $V(2)$ and $V(3)$ of the given atom with the atoms of the second and third coordination spheres respectively. The experimental value of the ordering temperature

Card 1/2

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POLAND/Solid State Physics - Phase Equilibria. Phase Conversions. E-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 607⁴

(530° C) leads to the expression $2 V(3) = V(2)$. --
V.V. Shmidt

Card 2/2